

UTILITIES SERVICE BOARD MEETING
April 17, 2006

UTILITIES SERVICE BOARD MEETINGS ARE RECORDED ELECTRONICALLY OR STENOGRAPHICALLY AND ARE AVAILABLE DURING REGULAR BUSINESS HOURS IN THE OFFICE OF THE DIRECTOR OF UTILITIES.

Board President Swafford called the regular meeting of the Utilities Service Board to order at 5:01 p.m. The meeting was held in Conference Room 210 at the Indiana University Research Park at 501 North Morton Street in Bloomington, Indiana.

Board members present: Tom Swafford, Susan Sandberg, Jeff Ehman, Julie Roberts, John Whitehart. Staff members present: Patrick Murphy, John Langley, Mike Bengtson, Tom Staley, Michael Horstman, Vickie Renfrow, Mike Trexler, Rachel Atz, Adam Wason, Justin Wykoff and Adrian Reid. Others present: Mark Menefee representing Indiana University, Ben Beard representing Gentry Estates and Joe Teusch representing Greeley and Hansen.

MINUTES

BOARD MEMBER EHMAN MOVED AND BOARD MEMBER WHITEHART SECONDED THE MOTION TO APPROVE THE MINUTES OF THE APRIL 3, 2006, MEETING.

Board member Sandberg asked that the minutes be amended to reflect that she was present at the meeting.

MOTION CARRIED. 5 AYES, 2 MEMBERS ABSENT, (VAUGHT AND HENKE).

CLAIMS

BOARDMEMBER EHMAN MOVED AND BOARDMEMBER ROBERTS SECONDED THE MOTION TO APPROVE THE CLAIMS AS FOLLOWS:

CLAIMS 0690493 THROUGH 0690557 INCLUDING \$115,519.65 FROM THE WATER OPERATIONS & MAINTENANCE FUND, FOR A TOTAL OF \$115,519.65 FROM THE WATER UTILITY; CLAIMS 0630296 THROUGH 0630348 INCLUDING \$123,945.34 FROM THE WASTEWATER OPERATIONS & MAINTENANCE FUND AND \$630.00 FROM THE WASTEWATER SINKING FUND FOR A TOTAL OF \$124,575.34 FROM THE WASTEWATER UTILITY; AND CLAIM 0670024 THROUGH CLAIM 0670025 FOR A TOTAL OF \$1,753.01 FROM THE WASTEWATER/STORMWATER UTILITY. TOTAL CLAIMS APPROVED - \$241,848.00.

MOTION CARRIED. 5 AYES, 2 MEMBERS ABSENT, (VAUGHT AND HENKE).

SPECIAL CHECK RUN

BOARDMEMBER SANDBERG MOVED AND BOARDMEMBER WHITEHART SECONDED THE MOTION TO APPROVE THE SPECIAL CHECK RUN AS FOLLOWS:

CLAIM NUMBER 0690559 INCLUDING \$385.60 FROM THE WATER OPERATIONS & MAINTENANCE FUND FOR A TOTAL OF \$385.60 FROM THE WATER UTILITY AND \$578.40 FROM THE WASTEWATER OPERATIONS AND MAINTENANCE FUND FOR \$578.40 FROM THE WASTEWATER UTILITY. TOTAL CLAIM APPROVED - \$964.00.

Utilities Director Murphy explained that this claim is to pay some court fees to Mike Carmin for ongoing litigation. Judge Welch has directed CUD to make this payment by Wednesday, April 19th.

MOTION CARRIED. 5 AYES, 2 MEMBERS ABSENT, (VAUGHT AND HENKE).

Board members Henke and Mayer arrived at this time.

CONFLICT OF INTEREST DISCLOSURE STATEMENT FOR JEFF EHMAN

Attorney Renfrow with the City of Bloomington Legal Department explained that Board member Ehman works for a consulting firm called Image Matters LLC which has contracted to do work for the Lake Lemon Conservancy District. Mr. Ehman may be required to do work that will later come before the board for approval. Ms. Renfrow said that she believes this work would not really cause a conflict of interest according to state law, but she prepared the statement for Mr. Ehman to be on the safe side.

BOARD MEMBER HENKE MOVED AND BOARD MEMBER WHIKEHART SECONDED THE MOTION TO APPROVE THE CONFLICT OF INTEREST DISCLOSURE STATEMENT FOR JEFF EHMAN.

MOTION CARRIED. 5 AYES, 1 ABSTENTION (EHMAN), 1 MEMBER ABSENT (VAUGHT).

CONVEYANCE OF PERMANENT AND TEMPORARY RIGHT-OF-WAY AND PERMANENT DRAINAGE EASEMENT TO THE BOARD OF PUBLIC WORKS FOR TAPP ROAD ROUNDABOUT CONSTRUCTION

Attorney Renfrow with the City of Bloomington Legal Department said that this involves a project that the Public Works Department is involved in. They are installing a round-about at Tapp Road and Adams Street. The Utilities Department has a 20 inch water main that runs along the North side of Tapp Road then crosses the road to a booster station on the South side of the road. Utilities owns the land that the booster station is on and the 20 inch main is on a combination of easements and right-of-ways. When road projects occur it is Utilities' responsibility to move pipes out of right-of-ways at Utilities' expense. If the pipe is in an easement or on land owned by Utilities it becomes the responsibility of the other party to cover the expense of moving the pipe. The plans for this project showed the water main being in the way of some storm water drains. Because the water main is in a right-of-way at the point where it would have to be moved it would be Utilities' responsibility to move the water main. In a cooperative action with Utilities Public Works redesigned the project so the water main would not have to be moved. In exchange for that Utilities will convey permanent and temporary right-of-ways and easements with out compensation. The project will include a rather large change in elevation which means that the 20" main will be 14 feet underground instead of 4 feet which is not the preferred situation for Utilities but under the circumstances it seems justified. It will also be necessary to change the entrance to the booster station. There will be an additional cost in having the booster station reconnected to power because Cinergy will be moving their transformer. The booster station will be off line during this project and the water will be routed in another direction.

Board member Henke asked why Utilities didn't deed this to Public Works instead of making it a conveyance. Ms. Renfrow said that it did not make much difference which way it was done.

Board member Roberts asked what it would have cost to relocate the water main if Public Works hadn't been willing to work this out. Ms. Renfrow said that she wasn't sure. Assistant Director of Engineering Bengtson said that it would be a very expensive project.

Utilities Director Murphy said that he appreciated being able to work this project out with Public Works.

BOARD MEMBER HENKE MOVED AND BOARD MEMBER EHMAN SECONDED THE MOTION TO APPROVE THE CONVEYANCE OF PERMANENT AND TEMPORARY RIGHT-OF-WAY AND PERMANENT DRAINAGE EASEMENT TO THE BOARD OF PUBLIC WORKS FOR TAPP ROAD ROUNDABOUT CONSTRUCTION. MOTION CARRIED 6 AYES, 1 MEMBER ABSENT (VAUGHT).

OLD BUSINESS:

No old business was presented.

NEW BUSINESS:

No new business was presented.

SUBCOMMITTEE REPORTS:

There were no subcommittee meetings. An Engineering Subcommittee meeting has been scheduled for 4 p.m. on April 24th and a Properties and Planning Subcommittee meeting has been scheduled for 4 p.m. on April 27th. Board members Henke and Ehman requested that a projector hooked to the GIS system be available for the Properties and Planning Subcommittee meeting.

Board President Swafford said that the members of the USB had received copies of the Crowe Chizek report and would like to have a Finance Subcommittee scheduled to review it.

STAFF REPORTS:

Assistant Director of Engineering Bengtson and Water Quality Controller Atz gave an update on the Browncliff water main replacement. Mr. Bengtson said that the project was included in the budget for this year and has progressed about 1,000 feet and has about 1,700 left to go.

Ms. Atz gave some back ground on why this project has been undertaken. She said that the water main had been laid prior to 1951 and was unlined cast iron pipe. Since that time the industry has moved to lining cast iron pipes with cement to create a buffer between the iron in the pipes and the chlorine residuals in the water. This pipe needed to be replaced because over time iron and sediments have caused the insides of the pipe to slough off which has made the quality of water degrade. In this case the water has become very rusty in appearance and the chlorine residuals have been reduced by the reaction between the iron and the chlorine. Aside from these problems this is a dead end pipe on a dead end street which also contributes to lower quality water. An automatic flush hydrant was installed to increase the water turn over which can help to increase the water quality. After the installation of the hydrant it became obvious that the real culprit for the poor water quality was the age and condition of the pipes. During the summer of 2005 a water quality testing program was implemented for Browncliff and filters were installed for some of the residences experiencing the worst problems. Ms. Atz displayed the filters which are particulate filters. She showed how much particulate matter the filters had picked up. The testing program showed that chlorine residuals were very low due to interactions between the iron and chlorine. The data showed that the problem was not due to turnover and flow. It was due to the condition of that water main. The only solution was to replace that main. The residents are very pleased with that decision. The automatic flush hydrant will be retained on the new water main to help maintain its condition.

Board President Swafford asked exactly where the work is being done. Assistant Director of Engineering Bengtson said that it had started at Matlock Road and is moving down Browncliff. Other water mains in the area have been replaced already so the work is only being done on Browncliff.

Following the presentation board member Henke asked if there were many more problems of this sort in the system. Mr. Bengtson replied that a map of all the dead end lines has been made for Ms. Atz and she is working her way through them.

Joe Teusch of Greeley & Hansen gave a Power Point update on the Wet Weather Program and the Agreed Order that has been signed with the state. The hand out is attached to these minutes.

Board member Henke mentioned that the Grimes Lane Lift Station had solved about 30% of the Sanitary Sewer Overflows. He asked if the other 70% could be solved by re-lining pipes. Mr. Teusch replied that in general sewer rehabilitation (lining) will bring about a 30 to 40% reduction in sewer flows during wet weather. Additionally, sewer capacity improvements will be needed from E. Davis St. to Hillside St. The sewer computer model indicates that when the work is completed sanitary sewer overflows will be reduced from 10 to 3 overflows per year. According to IDEM enforcement communities that have fewer than 4 overflows per year are generally in compliance.

Board President Swafford reminded the board that a number of apartments and businesses had been identified as having connected their storm drains to CUD's sewer system. He asked if the property owners had been notified about their infractions yet. Mr. Teusch said that public education needs to take place before property owners are held responsible for disconnection.

Board member Henke asked what percentage of the overflows would be prevented if there were no more property owners' running their storm drains into the sewer system. Mr. Teusch estimated that storm water inflow sources account for approximately 1.5 mgd during a storm.

Attorney Renfrow said that CUD has been working with another consultant on a plan for managing storm water. She will be coming before the USB soon with an ordinance about storm water quality. The ordinance will then go to the City Council for their approval. This process will begin educating the public about storm water compliance.

Board member Henke asked if CUD would be required to seek compliance from property owners once the ordinance has been passed by the City Council. Ms. Renfrow said that was correct.

Board President Swafford noted for the record that CUD has been very good about going out during wet weather events to look for sanitary sewer overflows. There are many communities that don't do that. He commended the staff for being good stewards of the environment.

Utilities Director Murphy said that one of the reasons he asked Mr. Teusch to make this presentation is because the USB will soon be asked to take action on a contract with Greeley and Hansen to have them continue to provide technical assistance with the actions that must be taken to be in compliance with the agreed order.


PETITIONS AND COMMUNICATIONS:

Ben Beard with Gentry Estates asked what would be on the agenda for the Engineering Subcommittee. Utilities Director Murphy said that the meeting would be to hear a complaint from the Cadavids.

Utilities Service Board Meeting,
date

ADJOURNMENT:

The meeting was adjourned at 6:22 p.m.



L. Thomas Swafford, President